

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1247497

Luminaire Tested: P3A17R709024DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247497
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R709024DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 2400K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

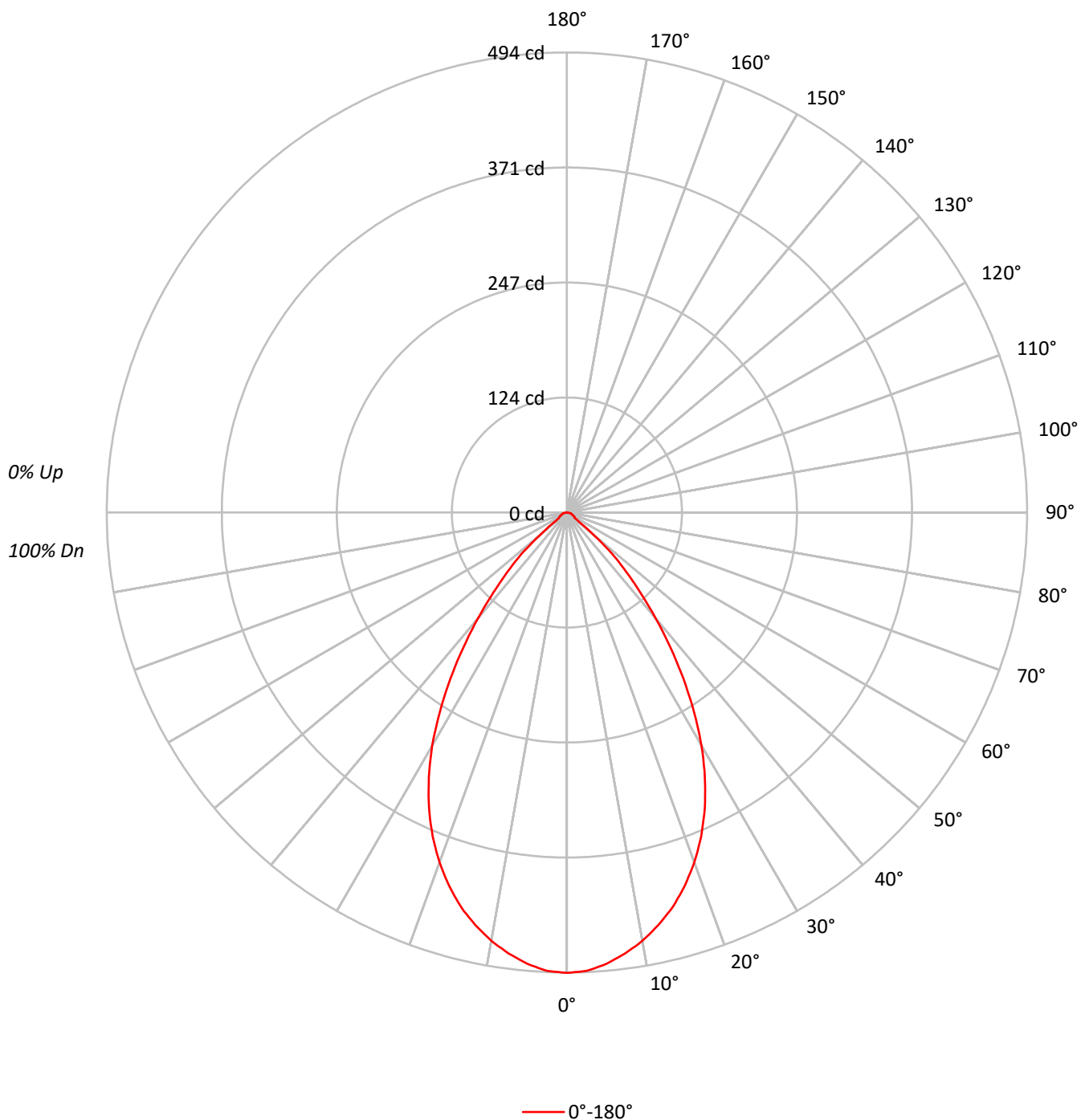
Lumens per Lamp: N/A
Luminaire Lumens: 560.0 lumens
Efficiency: N/A
Efficacy: 26.4 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1247497

CATALOG NUMBER: P3A17R709024DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1247497

CATALOG NUMBER: P3A17R709024DE010 E3DL1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	92	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	108412
5°	107110
10°	104006
15°	99615
20°	93318
25°	84779
30°	73226
35°	58357
40°	42508
45°	27941
50°	13100
55°	4052
60°	3903
65°	3736
70°	3590
75°	3728
80°	3536
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27941 cd/sqm

TEST NUMBER: P1247497

CATALOG NUMBER: P3A17R709024DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.8	8.2
10°-20°	122.8	21.9
20°-30°	159.6	28.5
30°-40°	135.4	24.2
40°-50°	69.8	12.5
50°-60°	13.5	2.4
60°-70°	7.3	1.3
70°-80°	4.5	0.8
80°-90°	1.3	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	328.2	58.6
0°-40°	463.7	82.8
0°-60°	547.0	97.7
0°-90°	560.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	560.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	494	
5°	487	46
15°	439	123
25°	350	160
35°	218	135
45°	90	70
55°	11	13
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1247497

CATALOG NUMBER: P3A17R709024DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	494.4
2.5°	492.7
5°	486.6
7.5°	477.7
10°	467.1
12.5°	453.8
15°	438.8
17.5°	420.4
20°	399.9
22.5°	376.5
25°	350.4
27.5°	320.9
30°	289.2
32.5°	254.1
35°	218.0
37.5°	182.4
40°	148.5
42.5°	116.8
45°	90.1
47.5°	66.2
50°	38.4
52.5°	16.7
55°	10.6
57.5°	10.0
60°	8.9
62.5°	8.3
65°	7.2
67.5°	6.7
70°	5.6
72.5°	5.0
75°	4.4
77.5°	3.3
80°	2.8
82.5°	1.7
85°	1.1
87.5°	0.6
90°	0.0

(END OF REPORT)